

IN THE CLAIMS:

1. (Currently Amended) Steering column for a motor vehicle having a steering shaft rotatably mounted in a tubular jacket,
wherein the tubular jacket is secured in use at a vehicle bodywork end of the tubular jacket on two rails extending substantially in an axial direction of the tubular jacket, the tubular jacket being guided between the rails in the event of an axial displacement of the tubular jacket,

wherein at least one rail is provided with at least one deformation element plastically deformable and secured at least at one end on the respective at least one rail, with absorption of energy, in the event of an axial displacement of the tubular jacket in case of a crash in a manner such that the respective at least one deformation element is deformed by rolling friction via deflector structure fixedly disposed on the tubular jacket.

2. (Original) Steering column according to Claim 1, wherein the tubular jacket is fixed on the rails via plastic shearing pins.

3. (Previously Presented) Steering column according to Claim 2, wherein the plastic shearing pins are injection molded through holes drilled in the rails and the tubular jacket.

4. (Original) Steering column according to Claim 2, wherein the plastic shearing pins are releasable from one of the tubular jacket and the rails under a predetermined force.

5. (Original) Steering column according to Claim 3, wherein the plastic shearing pins are releasable from one of the tubular jacket and the rails under a predetermined force.

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6. (Original) Steering column according to one of Claim 1, wherein the rails are formed with slots extending substantially axially for accommodating longitudinal adjustment of the tubular jacket.

7. (Original) Steering column according to one of Claim 2, wherein the rails are formed with slots extending substantially axially for accommodating longitudinal adjustment of the tubular jacket.

8. (Original) Steering column according to one of Claim 3, wherein the rails are formed with slots extending substantially axially for accommodating longitudinal adjustment of the tubular jacket.

9. (Original) Steering column according to one of Claim 4, wherein the rails are formed with slots extending substantially axially for accommodating longitudinal adjustment of the tubular jacket.

10. (Original) Steering column according to Claim 1, wherein the at least one deformation element includes a sheet metal strip.

11. (Original) Steering column according to Claim 2, wherein the at least one deformation element includes a sheet metal strip.

12. (Original) Steering column according to Claim 3, wherein the at least one deformation element includes a sheet metal strip.

13. (Original) Steering column according to Claim 4, wherein the at least one deformation element includes a sheet metal strip.

14. (Original) Steering column according to Claim 6, wherein the at least one deformation element includes a sheet metal strip.

15. (Original) Steering column according to Claim 1, wherein the deflector structure includes bolts and housing edges on the tubular jacket.

16. (Original) Steering column according to Claim 2, wherein the deflector structure includes bolts and housing edges on the tubular jacket.

17. (Original) Steering column according to Claim 3, wherein the deflector structure includes bolts and housing edges on the tubular jacket.

18. (Original) Steering column according to Claim 4, wherein the deflector structure includes bolts and housing edges on the tubular jacket.

19. (Original) Steering column according to Claim 6, wherein the deflector structure includes bolts and housing edges on the tubular jacket.

20. (Original) Steering column according to Claim 10, wherein the deflector structure includes bolts and housing edges on the tubular jacket.

21. (Original) Steering column according to Claim 1, wherein at least one of radii and spacing between the deflector structure are variable and selectively settable.

22. (Original) Steering column according to Claim 21, wherein the radii and spacing between the deflector structure are set as a function of respective crash conditions.

23. (Original) Steering column according to one of Claim 1, wherein guiding of the tubular jacket between the rails provides a forward travel of at least approximately 100 mm in the event of an accident.

24. (Original) Steering column according to Claim 1 wherein energy absorbable by the deformation element can be set by varying the material, material thickness or width of the deformation element, the radii of the deflection means and/or the distance between the deflector structure.

25. (Currently Amended) Steering column for a motor vehicle comprising:
a tubular jacket,
a steering shaft rotatably mounted in the tubular jacket,
first and second rails extending in an axial direction and secured in use to
a vehicle body, said rails guidably supporting a vehicle bodywork end of the
tubular jacket for axial movement along an axis of the tubular jacket between
the rails,
a plastically deformable deformation element connected to the first rail
and the tubular jacket and operable to absorb collision forces resulting during
relative axial movement of the tubular jacket and the first rail, and
deflection structure fixed to the tubular jacket and operable to deflect the
deformation element with rolling friction during said relative axial movement of
the tubular jacket and first rail in response to said collision forces.

26. (Original) Steering column according to Claim 25, comprising shear
pins fixing the tubular jacket on the rails, said shear pins being operable to
release their connection of the tubular jacket and rails in response to
predetermined collision forces on the tubular jacket.

27. (Original) Steering column according to Claim 26, wherein the plastic
shearing pins are releasable from one of the tubular jacket and the rails under a
predetermined force.

28. (Original) Steering column according to Claim 25, wherein the deformation element is a sheet metal strip.

29. (Original) Steering column according to Claim 25, wherein the deflection structure includes a bolt on the tubular jacket.

30. (Original) Steering column according to Claim 29, wherein the deflection structure includes a housing edge on the tubular jacket.

31. (Original) Steering column according to Claim 30, comprising means for varying the position of the bolt and housing edge.

32. (Original) Steering column according to Claim 25, wherein a second plastically deformable deformation element is connected to the second rail and the tubular jacket and operable to absorb collision forces resulted in relative axial movement of the tubular jacket and the second rail, and wherein second deflection structure is fixed to the tubular jacket and operable to deflect the second deformation element with rolling friction during said relative axial movement of the tubular jacket and second rail in response to said collision force.

33. (Original) Steering column according to Claim 32, wherein said first and second deformation element are disposed at respective opposite sides of the tubular jacket.

34. (Original) Steering column according to Claim 33, wherein said deflection structure include respective bolts carried by the tubular jacket which in use are partially wrapped by the respective deformation elements.

35. (Original) Steering column according to Claim 34, wherein said deflection structure includes respective housing edges on said tubular jacket.
